

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of the Claims:

1. - 30. (Cancelled)

31) A method comprising:

a HomeRF connection point (CP) unit establishing a connection with a second HomeRF unit;

the HomeRF CP unit establishing a connection with a Bluetooth unit as a slave to the HomeRF CP as a master;

the HomeRF CP determining an interoperability period (IOP), during the period the HomeRF CP and the second HomeRF do not transfer data;

the HomeRF CP communicating the IOP to the Bluetooth unit, the Bluetooth unit to wake from a suspended state at the time of the IOP;

transmitting data between the HomeRF CP and the second HomeRF unit;

at a time of the IOP, the HomeRF CP ceasing transmission of data to the second HomeRF unit and transitioning from a first hopping frequency to a

higher second frequency hopping and transmitting data between the HomeRF CP and the Bluetooth unit;

at an end of the IOP, the HomeRF CP transmitting a next IOP to the Bluetooth unit, ceasing transmission of data to the Bluetooth unit and transitioning from the second hopping frequency to the first frequency hopping and transmitting data between the HomeRF CP and the second HomeRF unit until the next IOP.

32) The method of claim 31, wherein the transmitting data between the HomeRF CP and the Bluetooth unit includes transmitting data for a number of a Bluetooth slots corresponding with the IOP.

33) The method of claim 31, wherein the transmitting data between the HomeRF CP and the Bluetooth unit includes transmitting data in an Asynchronous Connection-Less packet format.

34) The method of claim 31, further comprising the HomeRF CP and the Bluetooth unit operating independently during a time outside of an IOP.

35) A computer readable medium having stored thereon a set of instructions that, when executed, perform a method comprising of:

a HomeRF connection point (CP) unit establishing a connection with a second HomeRF unit;

the HomeRF CP unit establishing a connection with a Bluetooth unit as a slave to the HomeRF CP as a master;

the HomeRF CP determining an interoperability period (IOP), during the period the HomeRF CP and the second HomeRF do not transfer data;

the HomeRF CP communicating the IOP to the Bluetooth unit, the Bluetooth unit to wake from a suspended state at the time of the IOP;

transmitting data between the HomeRF CP and the second HomeRF unit;

at a time of the IOP, the HomeRF CP ceasing transmission of data to the second HomeRF unit and transitioning from a first hopping frequency to a higher second frequency hopping and transmitting data between the HomeRF CP and the Bluetooth unit; and

at an end of the IOP, the HomeRF CP transmitting a next IOP to the Bluetooth unit, ceasing transmission of data to the Bluetooth unit and transitioning from the second hopping frequency to the first frequency hopping and transmitting data between the HomeRF CP and the second HomeRF unit until the next IOP.

36) The computer readable medium of claim 35, wherein the transmitting data between the HomeRF CP and the Bluetooth unit includes transmitting data for a number of a Bluetooth slots corresponding with the IOP.

37) The computer readable medium of claim 35, wherein the transmitting data between the HomeRF CP and the Bluetooth unit includes transmitting data in an Asynchronous Connection-Less packet format.

38) The computer readable medium of claim 35, further comprising the HomeRF CP and the Bluetooth unit operating independently during a time outside of an IOP.

39) A HomeRF connection point (CP) unit comprising:

a first unit to establish a connection with a second HomeRF unit, and establish a connection with a Bluetooth unit as a slave to the HomeRF CP as a master;

a second unit to determine an interoperability period (IOP), during the period the HomeRF CP and the second HomeRF do not transfer data;

the first unit to communicate the IOP to the Bluetooth unit, the Bluetooth unit to wake from a suspended state at the time of the IOP;

the first unit to transmit data between the HomeRF CP and the second HomeRF unit;

a third unit, at a time of the IOP, to cease transmission of data to the second HomeRF unit and transition from a first hopping frequency to a higher

second frequency hopping and begin to transmit data between the HomeRF CP and the Bluetooth unit; and

the third unit, at an end of the IOP, to transmit a next IOP to the Bluetooth unit, cease transmission of data to the Bluetooth unit and transitioning from the second hopping frequency to the first frequency hopping and begin to transmit data between the HomeRF CP and the second HomeRF unit until the next IOP.

40) The unit of claim 39, wherein the first unit to transmit data between the HomeRF CP and the Bluetooth unit is to transmit data for a number of a Bluetooth slots corresponding with the IOP.

41) The unit of claim 39, the first unit to transmit data between the HomeRF CP and the Bluetooth unit is to transmit data in an Asynchronous Connection-Less packet format.
